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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/610,696
				Filing Date	July 2, 2003
				First Named Inventor	Amit Srivastava
				Art Unit	2626
				Examiner Name	D. Siedler
				Attorney Docket Number	BBNT-P01-192
Sheet	1	of	3		

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (# known)			
/DS/	AA	US-6,332,147 B1	12-18-2001	Moran et al	
/DS/	AB	US-6,360,237 B1	03-19-2002	Schulz et al	
/DS/	AC	US-6,792,409 B2	09-14-2004	Wutte	
/DS/	AD	US-6,708,148 B2	03-16-2004	Gschwendtner et al	
/DS/	AE	US-6,714,911 B2	06-30-2004	Waryas et al	
/DS/	AF	US-6,999,918 B2	02-14-2006	Ma et al	
/DS/	AG	US-6,317,716	11-13-2001	Braida et al.	
/DS/	AH	US-6,931,376-A1	08-16-2005	Lipe et al.	
/DS/	AI	US-2001/0026377	10-04-2004	Ikegame	
/DS/	AJ	US-2001/0051984	05-20-2003	Fukasawa	
/DS/	AK	US-2002/0010916	12-03-2002	Thong et al.	
/DS/	AL	US-2002/0059204	05-16-2002	Harris, Larry R.	
/DS/	AM	US-2002/201843373	12-05-2002	Maes	
/DS/	AN	US-03-0051214	03-13-2003	Graham et al.	
/DS/	AO	US-2003/0093580	05-15-2003	McGee	
/DS/	AP	US-2003/0167163	09-04-2003	Glover et al.	
/DS/	AQ	US-04/0073444	04-15-2004	Peh et al	
/DS/	AR	US-2005/0060162	03-17-2005	Mohit et al.	
/DS/	AS	US-4,897,648	11-07-1989	Cochran et al.	
/DS/	AT	US-4,908,866	03-13-1990	Goldwasser et al	
/DS/	AU	US-5,317,732	05-31-1994	Gerlach, Jr. et al.	
/DS/	AV	US-5,404,295	04-04-1995	Katz et al	
/DS/	AW	US-5,544,257	08-06-1996	Bellegarda et al	
/DS/	AX	US-5,572,728	11-05-1996	Tada et al	
/DS/	AY	US-5,684,924	11-04-1997	Stanley et al	
/DS/	AZ	US-5,715,367	02-03-1998	Gillick et al	
/DS/	AA1	US-5,752,021	05-12-1998	Nakatsuyama et al.	
/DS/	AB1	US-5,575,960	05-26-1998	Murdock et al.	
/DS/	AC1	US-5,768,607	06-16-1998	Drews et al	
/DS/	AD1	US-5,777,614	07-07-1998	Ando et al	
/DS/	AE1	US-5,787,198	07-28-1998	Agazzi et al	
/DS/	AF1	US-5,835,667	11-10-1998	Wactlar et al	
/DS/	AG1	US-5,862,259	01-19-1999	Bokser et al	
/DS/	AH1	US-5,875,108	02-23-1999	Hoffberg et al	
/DS/	AI1	US-5,963,940	10-05-1999	Liddy et al.	
/DS/	AJ1	US-5,970,473	10-19-1999	Gerszberg et al	
/DS/	AK1	US-6,006,221	12-21-1999	Liddy et al.	
/DS/	AL1	US-6,029,124	02-22-2000	Gillick et al	
/DS/	AM1	US-6,029,195	02-22-2000	Herz, Frederick S.M.	
/DS/	AN1	US-6,052,657	04-18-2000	Yamron et al	
/DS/	AO1	US-6,064,963	05-16-2000	Gainsboro, Jay L.	
/DS/	AP1	US-6,088,669	07-11-2000	Mayes	
/DS/	AQ1	US-6,112,172	08-29-2000	True et al	
/DS/	AR1	US-6,151,598	11-21-2000	Shaw et al.	
/DS/	AS1	US-6,169,789	01-02-2001	Rao et al	

Examiner Signature	/Dorothy Siedler/	Date Considered	09/12/2007
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Sheet	2	of	3	Attorney Docket Number	BBNT-P01-192

/DS/	AT1	US-6,219,640	04-17-2001	Basu et al	
/DS/	AU1	US-6,332,139	12-18-2001	Kaneko et al	
/DS/	AV1	US-6,373,985	04-16-2002	Hu et al	
/DS/	AW1	US-6,381,640-B1	04-30-2002	Powers et al	
/DS/	AX1	US-6,437,818-B1	08-20-2002	Lauwers et al	
/DS/	AY1	US-6,480,826	11-12-2002	Petrushin, Valery A.	
/DS/	AZ1	US-6,602,300-A1	08-05-2003	Ushioda et al.	
/DS/	AA2	US-6,604,110	08-05-2003	Savage et al.	
/DS/	AB2	US-6,647,383	11-11-2003	August et al	
/DS/	AC2	US-6,654,735	11-25-2003	Eichstaedt et al	
/DS/	AD2	US-6,847,961	01-25-2005	Silverbrook et al	
/DS/	AE2	US-6,92,691	07-26-2005	Flank	
/DS/	AF2	US-6,961,954	11-01-2005	Maybury et al.	
/DS/	AG2	US-6,973,428-A1	12-06-2005	Boguraev et al.	
/DS/	AH2	US-6,978,277-A1	12-20-2005	Reed et al.	
/DS/	AI2	US-6,714,911	06-30-2004	Warvas et al.	
/DS/	AJ2	US-6,999,918	02-14-2006	Ma et al.	
/DS/	AK2	US-5,418,716	05-23-1995	Suematsu	
/DS/	AL2	US-6,067,514	05-23-2000	Chen	
/DS/	AM2	US-6,718,303	04-06-2004	Tang et al.	
/DS/	AN2	US-6,778,958	08-17-2004	Nishimura et al	
/DS/	AO2	US-7,131,117	10-31-2006	Mills et al.	
/DS/	AP2	US-6,332,147	12-18-2001	Moran et al.	
/DS/	AQ2	US-6,360,237	03-19-2002	Schulz et al.	
/DS/	AR2	US-6,792,409	09-14-2004	Wutte	
/DS/	AS2	US-6,708,148	03-16-2004	Gschwendtner et al.	
/DS/	AT2	US-2002/0010575	01-24-2002	Haase et al	
/DS/	AU2	US-6,185,531	02-06-2001	Schwartz et al.	
/DS/	AV2	US-6,434,520	08-13-2002	Kanevsky et al.	
/DS/	AW2	US-2004/0024739	02-25-2004	Copperman et al.	
/DS/	AX2	US-2006/0129541-A1	06-15-2006	Morgan et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Footnote
		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
/DS/	BA	EP-0664636	07-26-1995	IBM		
/DS/	BB	EP-0715298	06-09-2000	IBM		
/DS/	BC	EP-0935378	08-11-1999	IBM		
/DS/	BD	EP-1079313	02-28-2001	Digitake Software Systems		
/DS/	BE	EP-1176493	05-30-2001	Pathuel, Jan		
/DS/	BF	WO-99/17235	04-08-1999	AT&T		
/DS/	BG	WO-00/59223	10-05-2000	Tivo, Inc.		
/DS/	BH	WO-02/29612	04-11-2002	Intel Corporation		
/DS/	BI	WO-02/29614	04-11-2002	Intel Corporation		
/DS/	BJ	EP-1422692	05-26-2004	Divay et al.		
/DS/	BK	JP-361285570	12-16-1986	Oshima et al.		

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				Examiner Name	D. Siedler
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/DS/	CA	Beigi et al., "A Distance Measure Between Collections of Distributions and its Applications to Speaker Recognition" IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP'89, 12-15 May 1989, Volume 2, pages 753-756		
/DS/	CB	Cutting et al., "A Practical Part-of-Speech Tagger," Proceedings of the 3rd Conference on Applied Natural Language Processing, ACL 1992, pgs 133-140.		
/DS/	CC	Beeferman et al., "Cyberpunc: A Lightweight Punctuation Annotation System for Speech," Proceedings of the 1999 IEEE Conference on Acoustics, Speech and Signal Processing, ICASSP'98 12-15 May 1999, 2:689-692.		
/DS/	CD	Gauvain et al., "Transcribing Broadcast News Shows," IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP'97, 2:21-24, April 1997, pg 715-718		
/DS/	CE	Waibel et al., "Meeting Browser: Tracking and Summarizing Meetings," Proceedings of DARPA Broadcast News Workshop, 1998		
/DS/	CF	Shriberg et al., "Can Prosody Aid in the Automatic Processing of Multi-Party Meetings? Evidence from Predicting Punctuation, Disfluencies, and Overlapping Speech," Proceedings of the ISCA Tutorial and Research Workshop on Prosody in Speech Recognition and Understanding, Oct. 2001, pgs. 139-146		
/DS/	CG	Ferret et al., "A Thematic Segmentation Procedure for Extracting Semantic Domains from Texts"		

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Used in Lieu of PTO/SB/08A/B
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		Number-Kind Code ² (if known)				
/DS/	AY2	5,960,447	09-28-1999	Holt et al		
/DS/	AZ2	6,067,517	05-23-2000	Bahl et al		
/DS/	AA3	6,161,087	12-12-2000	Wightman et al		
/DS/	AB3	5,559,875	09-24-1996	Bieselin et al		
	AO3	6,024,751	02-15-2000	Renegar		
/DS/	AD3	2003/0088414	05-08-2003	Huang et al.		
/DS/	AE3	5,613,032	03-18-1997	Cruz et al.		
/DS/	AF3	5,614,940	03-25-1997	Cobbley et al.		
/DS/	AG3	6,253,179	06-26-2001	Belgi et al.		
/DS/	AH3	6,345,252	02-05-2002	Belgi et al.		
/DS/	AI3	6,360,234	03-19-2002	Jain et al.		
/DS/	AJ3	6,463,444	10-08-2002	Jain et al.		
/DS/	AK3	6,567,980	05-20-2003	Jain et al.		
/DS/	AL3	6,611,803	08-26-2003	Furuyama et al.		
/DS/	AM3	6,624,826	09-23-2003	Balabanovic		
/DS/	AN3	6,728,673	04-27-2004	Furuyama et al.		
/DS/	AO3	6,748,356	06-08-2004	Rumer et al.		
/DS/	AP3	6,877,134	04-05-2005	Fuller et al.		
/DS/	AQ3	7,146,317	12-05-2006	Bartosik et al.		
/DS/	AR3	7,171,360	01-30-2007	Huang et al.		

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/DS/	CH	Ahangar et al., "A Survey of Technologies for Parsing and Indexing Digital Video," Multimedia Communication Laboratory, Department of Electrical, Computer and Systems Engineering, Boston, MA, 1996.	
/DS/	CI	Chang et al., "Columbia's VoD and Multimedia Research Testbed With Heterogeneous Network Support," Journal on Multimedia Tools and Applications, Special Issue on Video on Demand, Kluwer Academic Publishers, 1997, pg 1-10.	
/DS/	CJ	"Informedia: Integrated Speech, Image, and Language Understanding for the Creation and Exploration of Digital Video Libraries," Carnegie Mellon University Informedia Digital Video Library, NSF Cooperative Agreement IRI 9411299, Quarterly Report, August 1996, Howard D.	
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		Wactlar, Project Director http://www.informedia.cs.cmu.edu/dli1/reports/Quarterly7_Aug1996.html as accessed on 6/22/2006.	
/DS/	CK	Wactlar et al., "Informedia™: News-on-Demand Experiments in Speech Recognition," School of Computer Science, Carnegie Mellon University, Pittsburg, PA 15213-3890, 1996	
/DS/	CL	Gauch et al., "Real Time Video Analysis for Automatic Archive Creation," Electrical Engineering and Computer Science, The University of Kansas, pgs. 1-18, 1998.	
/DS/	CM	Nakamura et al., "Semantic Analysis for Video Contents Extraction-Spotting by Association in News Video," Institute of Information Sciences and Electronics, University of Tsukuba, Japan, 1997.	
/DS/	CN	Van Thong et al., "SPEECHBOT: An Experimental Speech-Based Search Engine for Multimedia Content in the Web," Compaq, Cambridge Research Laboratory, Technical Report Series CRL 2001/06, July 2001.	
/DS/	CO	Christel et al., "Techniques for the Creation and Exploration of Digital Video Libraries," Multimedia Tools and Applications, 1996.	
/DS/	CP	Hauptman et al., "Text, Speech, and Vision for Video Segmentation: The Informedia™ Project," School of Computer Science, Carnegie Mellon University, 1995.	
/DS/	CQ	Disz et al., "The Argonne Voyager Multimedia Server, Mathematics and Computer Science Division," Argonne National Laboratory, Argonne, IL, 1997.	
/DS/	CR	The Informedia Digital Video Library: Integrated Speech, Image, and Language Understanding for the Creation and Exploration of Digital Video Libraries, Proposal responding to Announcement NSF 93-141 Research on Digital Libraries Copyright (c) 1994, pgs. 1-48. http://www.informedia.cs.cmu.edu/dli1/reports/dli1Proposal.html accessed on 6/22/06.	
/DS/	CS	Hampapur et al., "Virage Video Engine," Virage Inc., 1997.	
/DS/	CT	Li et al., "VISION: A Digital Video Library," Dept. of Electrical Engineering and Computer Science, The University of Kansas, pgs. 19-27, 1996.	

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